

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-195022

(43)Date of publication of application : 03.08.1993

(51)Int.Cl.

B22F 7/08
B22F 3/00
B22F 3/02
H01F 1/08

(21)Application number : 04-279792

(71)Applicant : FUJITSU LTD

(22)Date of filing : 19.10.1992

(72)Inventor : SEYAMA YOSHIHIKO
SHIMIZU YUTAKA

(30)Priority

Priority number : 40326986 Priority date : 18.10.1991 Priority country : JP

(54) PRODUCTION OF SINTERED COMPACT AND MAGNET BASE

(57)Abstract:

PURPOSE: To produce a sintered compact in high yield and at a low cost by injection molding and sintering.

CONSTITUTION: A first compact separately formed is inserted into an injection- molding die, a raw powder consisting of the same or different material from the first compact is injection- molded in the die, and a second compact integrated with the first compact is formed. The second compact is dewaxed and then sintered. In the second compact, the difference in the coefficient of contraction in sintering between the first compact and the part formed when the second compact is formed is controlled to $\leq 5\%$. The magnet base is formed from a material contg. a core or the peripheral part including the core and a magnetic circuit forming part and in which the core or its peripheral part and the magnetic circuit forming part are made from the different materials or the same material having different densities.

LEGAL STATUS

[Date of request for examination] 10.06.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than withdrawal the examiner's decision of rejection or application converted registration]

[Date of final disposal for application] 14.06.1999

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]